BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Ten/03/2016-17, Date:16.08.2016 ITEM NO: 15

SCHEDULE-B

NAME OF WORK: Improvements & construction of CC road Bhuvaneshwari nagara 2nd & 3rd main 1st,2nd & 3rd cross road at ward no. 15 Dasarahalli (2nd Call)

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contracto Nagaraj Hosur	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Cum	108.27	195.0	Rupees One Hundred Ninety Five Only
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Cum	64.96	3500.0	Rupees Three Thousand Five Hundred Only
3	Cement Concrete Pavement :- Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M30 at 360 kg per cum, with 25mm and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications. complete as per the direction of Engineer-in-charge of the work.	Cum	379.17	5725.0	Rupees Five Thousand Seven Hundred Twenty Five Only

Signature of the Contractor

Executive Engineer

4	Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications complete as per the direction of Engineer-in-charge of the work.	Tonne	13.271	51100.0	Rupees Fifty One Thousand One Hundred Only
5	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading complete as per the direction of Engineer-in-charge of the work.	Cum	108.27	80.0	Rupees Eighty Only

Signature of the Contractor

Executive Engineer,
Dasarahalli Division,

Signature of the Contractor

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division

MODIFIED SCHEDULE-B

Name of Work: Modified Estimate for Improvements and Construction of CC Roads at Bhuvaneshwari nagara 2nd & 3rd Main 1st, 2nd & 3rd Cross in Dasarahalli ward No:15

Sl	Description of Work	Unit	Qty	Sanctioned Rates	
				In figures (Rs)	In Words (Rs)
1	2	3	4	5	6
1	Earthwork excavation for foundation of buildings, water supply, sanitary, lines and electrical conduits either in pits or in trenches 1.5 m and above in width, in hard soil not exceeding 1.5m. in depth including dressing the bottom and and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50 m. after breaking of clods complete as per specifications.	Cum	135.33	195.00	Rupees One hundred & Ninty Five Only
			10.28	164.30	Rupees One hundred Sixty four & Thirty paise Only
2	Removing B.S. slab of drain and stacking with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Sqm	1021.50	53.90	Rupees Fifty three and Ninety paise only
3	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Cum	251.76	71.28	Rupees Seventy One and Twenty eight paise only
4	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials	Sqm	12.00	1312.16	Rupees One thousand three hundread Twelve & Sixteen Paise Only
5	Refixing stone slabs of drains and pointing in CM 1:3 etc complete	Sqm	1009.50	66.07	Rueeps Sixty Six and Seven Paise Only
6	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of Machinery, screed Vibratory, Power Floater, blade and disc etc., with all lead and lift	Sqm	2582.50	78.24	Rupees Seventy eight & Twenty four Paise Only

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7	Providing Concrete Groove cutting for width of 5mm to 10mm and depth 80mm100mm including cost of cutting machine generator & HOM of machinery, including cost of blade coolant etc., including cleaning of groove & Providing sand and hot bitumen fillars, and fillars metal etc., including cost of conveyance of all materials, labour lead and lift charges and all other incidental charges as per drawing and as per specifications	Rmt	177.90	99.97	Rupees Ninty Nine andNinety Seven Paise Only
8	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. **Qty Executed Upto 125%**	Cum	81.20	3500.00	Rupees Three thousand Five hundred only
	Qty Executedabove125%		74.956	4230.91	Rupees Four thousand two hundread Thirty and Ninety One paise only
9	Cement Concrete Pavement :- Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement design mix M30 at 360 kg per cum, with 25mm and down size graded granite metal coarse aggregate at 0.69 cum and fine aggregates @ 0.46 cum with superplastizer at 3lts conforming to IS 9103-1999 reaffirmed 2008. coarse and fine aggregate conforming to IS:383, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing, compound, finishing to lines and grades as per drawing complete as per specifications	Cum	387.375	5725.00	Rupees Five thousand Seven hundred & twenty Five only
10	Providing T.M.T. steel reinforcement for R.C.C. work including straightening cutting, bending, hooking, placing in position, lapping and (or welding wherever required, trying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne	13.558	51100.00	Rupees Fifty one thousand One hundred only
11	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading **Qty Executed Upto 125%**	Cum	135.34	78.24	Rupees Seventy Eght & Twenty Four Only
	Qty Executedabove125%		262.03	66.26	Rupees Sixty six & Twenty Six paise Only

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